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Appropriations for the Department of Agriculture  
for the fiscal year ending June 30, 1913.

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OF THE

UNITED STATES

DEPARTMENT OF AGRICULTURE

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[PUBLIC—No. 261.]

[H. R. 18960.]

An Act Making appropriations for the Department of Agriculture for the fiscal year ending June thirtieth, nineteen hundred and thirteen.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That the following sums be, and they are hereby, appropriated, out of any money in the Treasury of the United States not otherwise appropriated, in full compensation for the fiscal year ending June thirtieth, nineteen hundred and thirteen, for the purposes and objects hereinafter expressed, namely:

DEPARTMENT OF AGRICULTURE.

SALARIES, OFFICE OF THE SECRETARY OF AGRICULTURE: Secretary of Agriculture, twelve thousand dollars; Assistant Secretary of Agriculture, five thousand dollars; solicitor, five thousand dollars; chief clerk, three thousand dollars, and five hundred dollars additional as custodian of buildings; private secretary to the Secretary of Agriculture, two thousand five hundred dollars; stenographer and executive clerk to the Secretary of Agriculture, two thousand two hundred and fifty dollars; private secretary to the Assistant Secretary of Agriculture, one thousand six hundred dollars; stenographer to the Assistant Secretary of Agriculture, one thousand four hundred dollars; one appointment clerk, two thousand dollars; one chief of supply division, two thousand dollars; one inspector, two thousand seven hundred and fifty dollars; one law clerk, at three thousand dollars; two law clerks, at two thousand five hundred dollars each; one law clerk, two thousand two hundred dollars; ten law clerks, at two thousand dollars each; eight law clerks, at one thousand eight hundred dollars each; three law clerks, at one thousand six hundred dollars each; one telegraph and telephone operator, one thousand six hundred dollars; two clerks, class four; six clerks, class three; ten clerks, class two; eighteen clerks, class one; eight clerks, at one thousand dollars each; six clerks, at nine hundred dollars each; one clerk, eight hundred and forty dollars; twelve messengers or laborers, at eight hundred and forty dollars each; ten assistant messengers or laborers, at seven hundred and twenty dollars each; one chief engineer, who shall be captain of the watch, two thousand dollars; one assistant chief engineer, one thousand four hundred dollars; one assistant engineer, one thousand two hundred dollars; two assistant engineers, at one thousand dollars each; seven firemen, at seven hundred and twenty dollars each; eight elevator conductors, at seven hundred and twenty dollars each; one construction inspector, one thousand four hundred dollars; five cabinetmakers or carpenters, at one thousand two hundred dollars each; two cabinetmakers or carpenters, at one thousand one hundred dollars each; eight cabinetmakers or carpenters, at one thousand and twenty dollars each; two cabinetmakers or carpenters, at nine hundred dollars each; one elec-



trician, one thousand one hundred dollars; one electrical wireman, one thousand dollars; one electrical wireman, nine hundred dollars; two electrician's helpers, at seven hundred and twenty dollars each; two painters, at one thousand dollars each; two painters, at nine hundred dollars each; five plumbers or steam fitters, at one thousand and twenty dollars each; one plumber's helper, eight hundred and forty dollars; two plumber's helpers, at seven hundred and twenty dollars each; one blacksmith, nine hundred dollars; one lieutenant of the watch, one thousand dollars; thirty-four watchmen, at seven hundred and twenty dollars each; four mechanics, at one thousand two hundred dollars each; one skilled laborer, nine hundred and sixty dollars; one janitor, nine hundred dollars; eighteen assistant messengers or laborers, at six hundred dollars each; twenty-one laborers, messenger boys, or charwomen, at four hundred and eighty dollars each; one charwoman, five hundred and forty dollars; eight charwomen, at two hundred and forty dollars each; for extra labor and emergency employments, twelve thousand dollars.

Total for Office of the Secretary, two hundred and ninety-two thousand two hundred and eighty dollars.

## WEATHER BUREAU.

**SALARIES, WEATHER BUREAU:** One chief of bureau, six thousand dollars; one assistant chief of bureau, three thousand two hundred and fifty dollars; one chief clerk and executive assistant, three thousand dollars; three chiefs of division, at two thousand dollars each; eight clerks, class four; nine clerks, class three; twenty clerks, class two; twenty-nine clerks, class one; twenty clerks, at one thousand dollars each; nine clerks, at nine hundred dollars each; four copyists or typewriters, at nine hundred dollars each; one copyist or typewriter, eight hundred and forty dollars; one telegraph operator, one thousand two hundred dollars; two assistant foremen of division, at one thousand six hundred dollars each; one lithographer, one thousand five hundred dollars; three lithographers, at one thousand two hundred dollars each; five compositors, at one thousand two hundred and fifty dollars each; fourteen printers, at one thousand two hundred dollars each; eleven printers, at one thousand dollars each; four folders and feeders, at seven hundred and twenty dollars each; one chief mechanic, one thousand four hundred dollars; five skilled mechanics, at one thousand two hundred dollars each; seven skilled mechanics, at one thousand dollars each; one skilled mechanic, eight hundred and forty dollars; six skilled artisans, at eight hundred and forty dollars each; one engineer, one thousand three hundred dollars; one fireman and steam fitter, eight hundred and forty dollars; six firemen, at seven hundred and twenty dollars each; one captain of the watch, one thousand dollars; one electrician, one thousand dollars; one gardener, eight hundred and forty dollars; two repairmen, at eight hundred and forty dollars each; eight repairmen, at seven hundred and twenty dollars each; four watchmen, at seven hundred and twenty dollars each; seventeen messengers, messenger boys, or laborers, at seven hundred and twenty dollars each; six messengers, messenger boys, or laborers, at six hundred and sixty dollars each; twenty-seven messengers, messenger boys, or laborers, at six hun-

dred dollars each; eighty-seven messengers, messenger boys, or laborers, at four hundred and eighty-dollars each; five messengers, messenger boys, or laborers, at four hundred and fifty dollars each; twenty-seven messenger boys, at three hundred and sixty dollars each; one charwoman, three hundred and sixty dollars; three charwomen, at two hundred and forty dollars each; in all, three hundred and fifteen thousand nine hundred and thirty dollars.

**CONTINGENT EXPENSES, WEATHER BUREAU:** For fuel, lights, repairs, and other expenses for the care and preservation of the public buildings and grounds and the improvements of the existing public buildings of the Weather Bureau in the city of Washington; for stationery and blank books, furniture and repairs to same, and freight and express charges; for subsistence, care, and purchase of horses and vehicles, and repairs of harness, for official purposes only; for advertising, dry goods, twine, mats, oils, paints, glass, lumber, hardware, ice, washing towels, and other miscellaneous supplies and expenses not otherwise provided for in the city of Washington, twenty-five thousand dollars.

**GENERAL EXPENSES, WEATHER BUREAU:** For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies or on adjacent coasts, in the Hawaiian Islands, and in Bermuda, the provisions of an Act approved October first, eighteen hundred and ninety, so far as they relate to the weather service transferred thereby to the Department of Agriculture, and for every expenditure requisite for and incident to the establishment, equipment, and maintenance of meteorological observation stations, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:

For the employment of professors of meteorology, inspectors, district forecasters, local forecasters, section directors, research observers, observers, assistant observers, operators, skilled mechanics, repairmen, station agents, messengers, messenger boys, laborers, and other necessary employees, five hundred and sixty-nine thousand dollars;

For fuel, gas, electricity, freight and express charges, furniture, stationery, and all other necessary supplies and miscellaneous expenses, one hundred and five thousand five hundred dollars;

For instruments, shelters, apparatus, storm-warning towers, and repairs thereto, forty-two thousand five hundred dollars;

For rent of offices and repairs and improvements to buildings now completed and located outside of the District of Columbia, and care and preservation of grounds, including construction of necessary out-buildings and sidewalks on public streets abutting Weather Bureau grounds, ninety-nine thousand dollars;

For official traveling expenses, twenty-two thousand dollars;

For telephone rentals and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service, three hundred and five thousand dollars;

For the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines, four thousand dollars;

For investigations in climatology and evaporation, including the erection of temporary buildings for living quarters for observers, for river, rain, snow, ice, crop, evaporation, aerial, storm, hurricane, and

other observations, warnings, and reports, and for pay of special observers and display men, one hundred and fifteen thousand dollars;

For the maintenance of a printing office in the city of Washington, including the purchase of necessary supplies and materials for printing weather maps, bulletins, circulars, forms, and other publications, and for pay of additional assistant foremen, proof readers, compositors, pressmen, lithographers, and folders and feeders, when necessary, sixteen thousand seven hundred and fifty dollars;

In all, for general expenses, one million two hundred and seventy-eight thousand seven hundred and fifty dollars.

Total for Weather Bureau, one million six hundred and nineteen thousand six hundred and eighty dollars.

## BUREAU OF ANIMAL INDUSTRY.

**SALARIES, BUREAU OF ANIMAL INDUSTRY:** One chief of bureau, five thousand dollars; one chief clerk, two thousand five hundred dollars; one editor and compiler, two thousand two hundred and fifty dollars; six clerks, class four; one clerk, one thousand six hundred and eighty dollars; twelve clerks, class three; two clerks, at one thousand five hundred dollars each; twenty-two clerks, class two; two clerks, at one thousand three hundred and eighty dollars each; three clerks, at one thousand three hundred and twenty dollars each; one clerk, one thousand three hundred dollars; one clerk, one thousand two hundred and sixty dollars; thirty-nine clerks, class one; one clerk, one thousand one hundred dollars; one clerk, one thousand and eighty dollars; forty-five clerks, at one thousand dollars each; two clerks, at nine hundred and sixty dollars each; sixty-two clerks, at nine hundred dollars each; one architect, two thousand dollars; one architect, nine hundred dollars; one illustrator, one thousand four hundred dollars; four inspector's assistants, at one thousand dollars each; twelve inspector's assistants, at eight hundred and forty dollars each; one laboratory assistant, one thousand two hundred dollars; two laboratory assistants, at nine hundred dollars each; one laboratory helper, one thousand and twenty dollars; two laboratory helpers, at eight hundred and forty dollars each; one laboratory helper, seven hundred and twenty dollars; one laboratory helper, six hundred dollars; one laboratory helper, four hundred and eighty dollars; one instrument maker, one thousand two hundred dollars; one carpenter, one thousand one hundred dollars; two carpenters, at one thousand dollars each; one messenger and custodian, one thousand two hundred dollars; one messenger and custodian, one thousand dollars; nine messengers, skilled laborers, or laborers, at eight hundred and forty dollars each; ten messengers, skilled laborers, or laborers, at seven hundred and twenty dollars each; twenty-three messengers, messenger boys, or laborers, at four hundred and eighty dollars each; six messengers or messenger boys, at three hundred and sixty dollars each; one skilled laborer, one thousand dollars; thirty-three skilled laborers, at nine hundred dollars each; two skilled laborers, at eight hundred and forty dollars each; seven skilled laborers, at seven hundred and twenty dollars each; one skilled laborer or laborer, seven hundred and eighty dollars; two laborers or messengers, at six hundred and sixty dollars each; nine laborers, messengers, or messenger boys, at six hundred dollars each;



three laborers, messengers, or messenger boys, at five hundred and forty dollars each; one watchman, seven hundred and twenty dollars; one charwoman, six hundred dollars; one charwoman, five hundred and forty dollars; eleven charwomen, at four hundred and eighty dollars each; four charwomen, at three hundred and sixty dollars each; one charwoman, three hundred dollars; two charwomen, at two hundred and forty dollars each; in all, three hundred and fifty-two thousand four hundred and fifty dollars.

GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY: For carrying out the provisions of the Act approved May twenty-ninth, eighteen hundred and eighty-four, establishing a Bureau of Animal Industry, and the provisions of the Act approved March third, eighteen hundred and ninety-one, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the Act approved August thirtieth, eighteen hundred and ninety, providing for the importation of animals into the United States, and for other purposes; and the provisions of the Act of May ninth, nineteen hundred and two, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the Act approved February second, nineteen hundred and three, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the Act approved March third, nineteen hundred and five, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the the movement of cattle and other live stock therefrom, and for other purposes; and for carrying out the provisions of the Act of June twenty-ninth, nineteen hundred and six, entitled "An Act to prevent cruelty to animals while in transit by railroad or other means of transportation," and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock and the inspection of vessels, the execution of the twenty-eight hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and the alteration of buildings thereon, the inspection work relative to the existence of contagious diseases and the tuberculin and mallein testing of animals, six hundred thousand dollars;

For all necessary expenses for the eradication of southern cattle ticks, two hundred and fifty thousand dollars;

For all necessary expenses for investigations and experiments in dairy industry, cooperative investigations of the dairy industry in the various States, inspection of renovated butter, factories, and markets, one hundred and seventy-seven thousand nine hundred dollars: *Provided*, That the sanitary provisions for slaughtering, meat canning, or similar establishments, as set forth in the Act of June thirtieth, nineteen hundred and six (Thirty-fourth Statutes, page six hundred and seventy-six), are hereby extended to cover renovated butter factories as defined in the Act of May ninth, nineteen hundred and two (Thirty second Statutes, page one hundred and ninety-six), under such regulations as the Secretary of Agriculture may prescribe;

For all necessary expenses for investigations and experiments in animal husbandry, fifty-two thousand one hundred and eighty dollars;

For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, seventy-eight thousand six hundred and eighty dollars;

For construction of buildings at bureau experiment station at Bethesda, Maryland, and bureau experiment farm at Beltsville, Maryland, sixteen thousand five hundred dollars;

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, forty-two thousand six hundred and six dollars;

In all, for general expenses, one million two hundred and seventeen thousand eight hundred and sixty-six dollars;

And hereafter the Secretary of Agriculture is authorized to sell in the open market or to exchange for other breeding animals or animal products to the best advantage, without the usual condemnation proceedings and public auction, such animals or animal products produced or purchased under the appropriations made by Congress for the use of the Bureau of Animal Industry as may not be needed in the work of that bureau: *Provided*, That all moneys received from the sale of such animals or animal products, or as a bonus in the exchange of the same, shall be deposited in the Treasury as miscellaneous receipts.

**COOPERATIVE EXPERIMENTS IN ANIMAL FEEDING AND BREEDING:** For experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including the repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, and the experiments in the breeding of horses for military purposes, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, one hundred thousand dollars.

Total for Bureau of Animal Industry, one million six hundred and seventy thousand three hundred and sixteen dollars.

## BUREAU OF PLANT INDUSTRY.

**SALARIES, BUREAU OF PLANT INDUSTRY:** One plant physiologist and pathologist, who shall be chief of bureau, five thousand dollars; one chief clerk, two thousand five hundred dollars; one executive assistant in seed distribution, two thousand two hundred and fifty dollars; one officer in charge of publications, two thousand dollars; one landscape gardener, one thousand eight hundred dollars; one officer in charge of records, two thousand dollars; one superintendent of seed weighing and mailing, two thousand dollars; one executive clerk, two thousand two hundred and fifty dollars; two executive clerks, at one thousand nine hundred and eighty dollars each; three executive assistants, at one thousand eight hundred dollars each; one assistant superintendent of seed warehouse, one thousand four hundred dollars; one seed inspector, one thousand dollars; six clerks, class four; eleven clerks, class three; two clerks or botanical translators, at one thousand five hundred dollars each; fifteen clerks, class two; thirty-nine clerks, class one; one clerk, one thousand one hundred and forty dollars; one clerk, one thousand and eighty dollars; three clerks, at one thousand and twenty dollars each; twenty-six clerks, at one thousand dollars each; fifty-six clerks, at nine hundred dollars each; twenty-three clerks, at eight hundred and forty dollars each; thirteen clerks, at seven hundred and twenty dollars each; thirty-three messengers, gardeners, or laborers, at seven hundred and twenty dollars each; eleven messengers, messenger boys, or laborers, at six hundred and sixty dollars each; fifteen messengers, messenger boys, or laborers, at six hundred dollars each; one artist, one thousand six hundred and twenty dollars; one photographer, one thousand one hundred and forty dollars; one photographer, one thousand and eighty dollars; one laboratory aid, one thousand four hundred and forty dollars; one laboratory aid, one thousand three hundred and eighty dollars; three laboratory aids, at one thousand two hundred dollars each; one laboratory aid, one thousand and eighty dollars; two laboratory aids, at one thousand and twenty dollars each; five laboratory aids, at eight hundred and forty dollars each; six laboratory aids, at seven hundred and twenty dollars each; six laboratory aids, at six hundred dollars each; one laboratory apprentice, seven hundred and twenty dollars; one map tracer, seven hundred and twenty dollars; one map tracer, six hundred dollars; one gardener, one thousand four hundred and forty dollars; two gardeners, at one thousand two hundred dollars each; one gardener, one thousand one hundred dollars; two gardeners or assistants, at one thousand dollars each; seven gardeners, at nine hundred dollars each; four gardeners, at eight hundred and forty dollars each; four gardeners, at seven hundred and eighty dollars each; eight gardeners, at seven hundred and twenty dollars each; five gardeners, at six hundred and sixty dollars each; two gardeners, at six hundred dollars each; one skilled laborer, nine hundred dollars; four skilled laborers, at eight hundred and forty dollars each; one mechanic, one thousand three hundred and eighty dollars; one mechanic, one thousand two hundred and sixty dollars; one mechanical assistant, one thousand two hundred dollars; one mechanic, nine hundred and sixty dollars; one mechanic, nine hundred dollars; one carpenter, nine hundred dollars; one painter, seven hundred and twenty dollars;



one teamster, six hundred dollars; fifteen laborers, at five hundred and forty dollars each; twenty-four laborers, messengers, or messenger boys, at four hundred and eighty dollars each; five laborers or charwomen, at four hundred and eighty dollars each; two laborers or charwomen, at three hundred and sixty dollars each; two laborers, at four hundred and twenty dollars each; seven charwomen, at two hundred and forty dollars each; seven messenger boys, at three hundred and sixty dollars each; four messenger boys, at three hundred dollars each; in all, three hundred and seventy-nine thousand eight hundred and twenty dollars.

GENERAL EXPENSES. BUREAU OF PLANT INDUSTRY: For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed one thousand five hundred dollars; for field and station expenses, including fences, drains, and other farm improvements: *And provided further*, That the money already appropriated for "General expenses, Bureau of Plant Industry, fiscal year nineteen hundred and twelve," is hereby made available for the erection of necessary farm buildings, provided the cost of any building erected shall not exceed one thousand five hundred dollars; and for field-station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia; and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:

For investigations of plant diseases and pathological collections, twenty-five thousand dollars;

For the control of diseases of orchard and other fruits, forty thousand six hundred and seventy-five dollars;

For the control of diseases of forest and ornamental trees and shrubs, twenty-nine thousand five hundred and ten dollars;

For the control of diseases of cotton, truck, and forage crops, and related plants, twenty-two thousand dollars;

For investigating the physiology of crop plants and for testing and breeding varieties thereof, thirty thousand three hundred and eighty dollars;

For soil-bacteriology and plant-nutrition investigations, twenty-six thousand one hundred and forty-five dollars;

For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton by cultural methods, breeding, and selection, thirty-three thousand three hundred dollars;

For drug plant, poisonous plant, tea culture, and general physiological and fermentation investigations, forty-six thousand nine hundred and thirty dollars;

For crop technological and fiber plant investigations, ten thousand and ten dollars;



For investigating the ginning, handling, grading, baling, and wrapping of cotton, and the establishment of standards for the different grades thereof, and for carrying into effect the provisions of law relating thereto, twenty-six thousand dollars: *Provided*, That not to exceed eight thousand dollars of this amount may be used for the purchase of spinning machinery in order to conduct the necessary tests in connection with the ginning, handling, and grading of cotton;

For investigating the handling, grading, and transportation of grain, and the fixing of definite grades thereof, fifty-five thousand six hundred and forty dollars;

For physical investigations in connection with the various lines of work herein authorized, fifteen thousand six hundred and fifty-five dollars;

To collect, purchase, propagate, test, and experiment with seeds of interest to agriculture, including rare new seeds, bulbs, trees, shrubs, vines, cuttings, and plants, fifty-two thousand four hundred and thirty dollars, of which amount forty thousand dollars shall be used for the purchase and distribution of drought-resistant field seeds;

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, twenty-three thousand five hundred and thirty dollars;

For the investigation and improvement of cereals and methods of cereal production, and the study of cereal diseases, eighty thousand seven hundred and sixty-five dollars;

For the investigation and improvement of tobacco and the methods of tobacco production and handling, twenty-six thousand six hundred and thirty dollars;

For the investigation and improvement of forage crops and methods of forage-crop production, twenty thousand dollars;

For testing and breeding fibrous plants, including the testing of flax straw, in cooperation with the North Dakota Agricultural College, which may be used for paper making, twelve thousand five hundred and eighty dollars;

For the breeding and physiological study of alkali-resistant and drought-resistant crops, eighteen thousand one hundred and forty dollars;

For the investigation and improvement of sugar-producing plants, including their utilization and culture, thirty-five thousand seven hundred and ninety-five dollars;

For taxonomic investigations and the study of methods for the improvement of grazing lands, twenty-one thousand nine hundred and thirty dollars;

To investigate and encourage the adoption of improved methods of farm management and farm practice, and for farm demonstration work, three hundred thousand dollars: *Provided*, That of the amount hereby appropriated the sum of ten thousand dollars may be used in the investigation and utilization of cacti and other dry-land plants as food for stock;

For farmers' cooperative demonstrations and for the study and demonstration of the best methods of meeting the ravages of the

cotton-boll weevil, three hundred and thirty-two thousand nine hundred and sixty dollars;

For the investigation and improvement of methods of crop production under semiarid or dry-land conditions, one hundred and twenty-five thousand dollars: *Provided, however,* That the sum of fifty thousand dollars of this amount, or so much thereof as may be necessary, shall be used for the purchase of land and equipment and the construction of buildings necessary to establish, equip, and maintain an experimental farm in the northern section of the Great Plains area to demonstrate the kind and character of plants, shrubs, trees, berries, and vegetables best adapted to the climate and soil of the semiarid lands of the United States: *Provided further,* That the limitation in this Act as to the cost of farm buildings shall not apply to this paragraph;

For studying methods of clearing off "logged-off" lands with a view to their utilization for agricultural and dairying purposes; for their irrigation; for testing powders in clearing them; and for the utilization of by-products arising in the process of clearing, in cooperation with the States, companies, or individuals, or otherwise, five thousand dollars;

For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the reclamation Act, and other areas in the arid and semiarid regions, sixty-nine thousand six hundred dollars;

For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, packing, storing, handling, and shipping, and for experimental shipments of fruits within the United States and to foreign countries, eighty-six thousand and fifteen dollars;

To cultivate and care for experimental gardens and grounds, manage and maintain conservatories, greenhouses, and plant and fruit propagating houses, thirteen thousand and ten dollars;

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April eighteenth, nineteen hundred, and for other general horticultural investigations, thirty-six thousand nine hundred and twenty dollars;

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the chief clerk, the officer in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, thirty-six thousand five hundred and thirty dollars;

In all, for general expenses, one million six hundred and fifty-eight thousand and eighty dollars.

**PURCHASE AND DISTRIBUTION OF VALUABLE SEEDS:** For purchase, propagation, testing, and distribution of valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants; all necessary office fixtures and supplies, fuel, transportation, paper, twine, gum, postal cards, gas, electric current, rent outside of the District of Columbia, official traveling expenses, and all necessary material and repairs for putting up and distributing the same; for repairs and the employment of local and special agents, clerks, assistants, and other labor required, in the city of Washington and elsewhere, two hundred and eighty-

five thousand six hundred and eighty dollars, of which amount not less than two hundred and twenty-six thousand nine hundred and forty dollars shall be allotted for congressional distribution. And the Secretary of Agriculture is hereby directed to expend the said sum, as nearly as practicable, in the purchase, testing, and distribution of such valuable seeds, bulbs, shrubs, vines, cuttings, and plants, the best he can obtain at public or private sale, and such as shall be suitable for the respective localities to which the same are to be apportioned, and in which same are to be distributed as hereinafter stated, and such seeds so purchased shall include a variety of vegetable and flower seeds suitable for planting and culture in the various sections of the United States: *Provided*, That the Secretary of Agriculture, after due advertisement and on competitive bids, is authorized to award the contract for the supplying of printed packets and envelopes and the packeting, assembling, and mailing of the seeds, bulbs, shrubs, vines, cuttings, and plants, or any part thereof, for a period of not more than five years nor less than one year, if by such action he can best protect the interests of the United States. An equal proportion of five-sixths of all seeds, bulbs, shrubs, vines, cuttings, and plants shall, upon their request, after due notification by the Secretary of Agriculture that the allotment to their respective districts is ready for distribution, be supplied to Senators, Representatives, and Delegates to Congress for distribution among their constituents, or mailed by the department upon the receipt of their addressed franks, in packages of such weight as the Secretary of Agriculture and the Postmaster General may jointly determine: *Provided, however*, That upon each envelope or wrapper containing packages of seeds the contents thereof shall be plainly indicated, and the Secretary shall not distribute to any Senator, Representative, or Delegate seeds entirely unfit for the climate and locality he represents, but shall distribute the same so that each Member may have seeds of equal value, as near as may be, and the best adapted to the locality he represents: *Provided, also*, That the seeds allotted to Senators and Representatives for distribution in the districts embraced within the twenty-fifth and thirty-fourth parallels of latitude shall be ready for delivery not later than the tenth day of January: *Provided, also*, That any portion of the allotments to Senators, Representatives, and Delegates in Congress remaining uncalled for on the first day of April shall be distributed by the Secretary of Agriculture, giving preference to those persons whose names and addresses have been furnished by Senators and Representatives in Congress, and who have not before during the same season been supplied by the department: *And provided also*, That the Secretary shall report, as provided in this Act, the place, quantity, and price of seeds purchased, and the date of purchase; but nothing in this paragraph shall be construed to prevent the Secretary of Agriculture from sending seeds to those who apply for the same. And the amount herein appropriated shall not be diverted or used for any other purpose but for the purchase, testing, propagation, and distribution of valuable seeds, bulbs, mulberry and other rare and valuable trees, shrubs, vines, cuttings, and plants: *Provided further*, That fifty-eight thousand seven hundred and forty dollars of which sum, or so much thereof as the Secretary of Agriculture shall direct, may be used to collect, purchase, test, propagate, and distribute rare and valuable seeds,



bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries or from our possessions for experiments with reference to their introduction into and cultivation in this country, and same shall not be distributed generally, but shall be used for experimental tests, to be carried on with the cooperation of the agricultural experiment stations.

Total for Bureau of Plant Industry, two million three hundred and twenty-three thousand five hundred and eighty dollars.

### FOREST SERVICE.

**SALARIES, FOREST SERVICE:** One Forester, who shall be chief of bureau, five thousand dollars; one administrative assistant, two thousand dollars; one forest supervisor, two thousand seven hundred dollars; one forest supervisor, two thousand six hundred dollars; five forest supervisors, at two thousand four hundred dollars each; twenty forest supervisors, at two thousand two hundred dollars each; forty-five forest supervisors, at two thousand dollars each; sixty-six forest supervisors, at one thousand eight hundred dollars each; ten forest supervisors, at one thousand six hundred dollars each; four deputy forest supervisors, at one thousand seven hundred dollars each; twenty-one deputy forest supervisors, at one thousand six hundred dollars each; thirty deputy forest supervisors, at one thousand five hundred dollars each; twenty-five deputy forest supervisors, at one thousand four hundred dollars each; two forest rangers, at one thousand five hundred dollars each; twenty-one forest rangers, at one thousand four hundred dollars each; seventy-eight forest rangers, at one thousand three hundred dollars each; two hundred and fifty-two forest rangers, at one thousand two hundred dollars each; seven hundred and thirty-four assistant forest rangers, at one thousand one hundred dollars each; one property auditor, one thousand eight hundred dollars; one clerk, two thousand one hundred dollars; three clerks, at two thousand dollars each; eleven clerks, at one thousand eight hundred dollars each; twenty-five clerks, at one thousand six hundred dollars each; nine clerks, at one thousand five hundred dollars each; seventeen clerks, at one thousand four hundred dollars each; six clerks, at one thousand three hundred dollars each; seventy-seven clerks, at one thousand two hundred dollars each; fifty-nine clerks, at one thousand one hundred dollars each; fifty-one clerks, at one thousand and twenty dollars each; thirty clerks, at nine hundred and sixty dollars each; one hundred and twenty-eight clerks, at nine hundred dollars each; two clerks, at eight hundred and forty dollars each; one game warden, one thousand four hundred dollars; one game warden, one thousand two hundred dollars; one compiler, one thousand six hundred dollars; one draftsman, two thousand dollars; three draftsmen, at one thousand six hundred dollars each; two draftsmen, at one thousand five hundred dollars each; six draftsmen, at one thousand four hundred dollars each; four draftsmen, at one thousand three hundred dollars each; seven draftsmen, at one thousand two hundred dollars each; two draftsmen, at one thousand one hundred dollars each; three draftsmen, at one thousand and twenty dollars each; one draftsman, nine hundred and sixty dollars; four draftsmen, at nine hundred dollars each; one artist, one thousand



four hundred dollars; one artist, one thousand dollars; four map colorists, at nine hundred dollars each; one map colorist, seven hundred and twenty dollars; one photographer, one thousand six hundred dollars; one photographer, one thousand four hundred dollars; one photographer, one thousand two hundred dollars; one photographer, one thousand one hundred dollars; one lithographer, one thousand two hundred dollars; one lithographer's helper, seven hundred and eighty dollars; one machinist, one thousand two hundred and sixty dollars; one carpenter, one thousand two hundred dollars; two carpenters, at one thousand dollars each; one carpenter, nine hundred and sixty dollars; one electrician, one thousand and twenty dollars; one laboratory aid and engineer, nine hundred dollars; three laboratory assistants, at nine hundred dollars each; one laboratory assistant, eight hundred dollars; one laboratory helper, seven hundred and twenty dollars; one laboratory helper, six hundred dollars; one packer, one thousand dollars; one packer, seven hundred and eighty dollars; four watchmen, at eight hundred and forty dollars each; one messenger or laborer, nine hundred and sixty dollars; three messengers or laborers, at nine hundred dollars each; four messengers or laborers, at eight hundred and forty dollars each; three messengers or laborers, at seven hundred and eighty dollars each; four messengers or laborers, at seven hundred and twenty dollars each; six messengers or laborers, at six hundred and sixty dollars each; five messengers or laborers, at six hundred dollars each; two messengers or laborers, at five hundred and forty dollars each; three messengers or messenger boys, at four hundred and eighty dollars each; three messengers or messenger boys, at four hundred and twenty dollars each; twelve messengers or messenger boys, at three hundred and sixty dollars each; one apprentice boy, four hundred and eighty dollars; one charwoman, five hundred and forty dollars; one charwoman, four hundred and eighty dollars; one charwoman, three hundred dollars; eleven charwomen, at two hundred and forty dollars each; in all, two million two hundred and thirty-five thousand seven hundred and sixty dollars.

**GENERAL EXPENSES, FOREST SERVICE:** To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed six hundred and fifty dollars: *And provided further*, That no part of the appropriation made by this Act shall be used for the construction, repair, maintenance or use of buildings or improvements made for forest-ranger stations within the inclosed fields of bona fide homestead settlers who have established residence upon their homestead lands prior to the date of the establishment of the forest reservation in which the homestead lands are situated, without the consent of the homesteader; to pay all expenses necessary to protect, administer, and improve the national forests; to ascertain the natural conditions upon and utilize

the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests, except the Black Hills and Harney National Forests in South Dakota, to be exported from the State, Territory, or the District of Alaska in which said forests are respectively situated: *Provided*, That the exportation of dead and insect-infested timber only from said Black Hills and Harney National Forests shall be allowed until such time as the Forester shall certify that the ravages of the destructive insects in said forests are practically checked, but in no case after July first, nineteen hundred and fourteen; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests, in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase law books, to an amount not exceeding five hundred dollars, necessary supplies, apparatus, and office fixtures, and technical books and technical journals for officers of the Forest Service stationed outside of Washington; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:

For salaries and field and station expenses, including the maintenance of nurseries, collecting seed, and planting, necessary for the use, maintenance, improvement, and protection of the national forests named below:

Absaroka National Forest, Montana, eight thousand two hundred and thirteen dollars;

Alamo National Forest, New Mexico, six thousand five hundred and thirty-five dollars;

Angeles National Forest, California, thirteen thousand five hundred and seventy-seven dollars;

Apache National Forest, Arizona, thirteen thousand and eighty-eight dollars;

Arapaho National Forest, Colorado, fourteen thousand seven hundred and fifty-eight dollars;

Arkansas National Forest, Arkansas, fourteen thousand four hundred and two dollars;

Ashley National Forest, Utah and Wyoming, four thousand four hundred and thirty-four dollars;

Battlement National Forest, Colorado, six thousand five hundred and ninety-three dollars;

Beartooth National Forest, Montana, eleven thousand eight hundred and eighty-nine dollars;

Beaverhead National Forest, Montana and Idaho, nine thousand seven hundred and sixty-nine dollars;

Bighorn National Forest, Wyoming, sixteen thousand nine hundred and eighty-eight dollars;

Bitterroot National Forest, Montana, twenty thousand one hundred and fifteen dollars;

Blackfeet National Forest, Montana, twenty-one thousand nine hundred and eighty-one dollars;

Black Hills National Forest, South Dakota, nine thousand one hundred and twenty-eight dollars;

Boise National Forest, Idaho, ten thousand five hundred and nineteen dollars;

Bonneville National Forest, Wyoming, three thousand nine hundred and ninety-three dollars;

Bridger National Forest, Wyoming, three thousand six hundred and thirty-eight dollars;

Cabinet National Forest, Montana, twelve thousand eight hundred and forty-seven dollars;

Cache National Forest, Utah and Idaho, seven thousand seven hundred and three dollars;

California National Forest, California, eleven thousand nine hundred and ninety-three dollars;

Caribou National Forest, Idaho and Wyoming, five thousand two hundred and twenty-eight dollars;

Carson National Forest, New Mexico, seventeen thousand two hundred and ninety-one dollars;

Cascade National Forest, Oregon, twelve thousand one hundred and seventy-nine dollars;

Challis National Forest, Idaho, five thousand two hundred and twenty-six dollars;

Chelan National Forest, Washington, eight thousand and sixty-eight dollars;

Chiricahua National Forest, Arizona and New Mexico, eight thousand three hundred and eighty-two dollars;

Chugach National Forest, Alaska, twenty-three thousand four hundred and eighty-five dollars;

Clearwater National Forest, Idaho, fifteen thousand eight hundred and twenty-seven dollars;

Cleveland National Forest, California, nine thousand four hundred and ninety-nine dollars;

Cochetopa National Forest, Colorado, seven thousand one hundred and fifty-nine dollars;

Coconino National Forest, Arizona, sixteen thousand nine hundred and ninety-four dollars;

Coeur d'Alene National Forest, Idaho, fifteen thousand two hundred and thirty-nine dollars;

Colorado National Forest, Colorado, eight thousand seven hundred and thirty-four dollars;

Columbia National Forest, Washington, thirteen thousand eight hundred and sixty-seven dollars;

Colville National Forest, Washington, ten thousand six hundred and nine dollars;

Coronado National Forest, Arizona, eight thousand five hundred and one dollars;

Crater National Forest, Oregon and California, twenty-five thousand and fifty-nine dollars;

Crook National Forest, Arizona, six thousand and thirty-nine dollars;

Custer National Forest, Montana, eight thousand three hundred and fifty-eight dollars;

Dakota National Forest, North Dakota, one thousand two hundred and thirty-two dollars;



Datil National Forest, New Mexico, thirteen thousand six hundred and eighty-eight dollars;

Deerlodge National Forest, Montana, eighteen thousand three hundred and eighty-nine dollars;

Deschutes National Forest, Oregon, eleven thousand four hundred and six dollars;

Dixie National Forest, Utah and Arizona, three thousand nine hundred and ninety dollars;

Durango National Forest, Colorado, seven thousand five hundred and fifty-eight dollars;

Eldorado National Forest, California and Nevada, eleven thousand two hundred and thirteen dollars;

Fillmore National Forest, Utah, three thousand six hundred and fifty-five dollars;

Fishlake National Forest, Utah, three thousand five hundred and ten dollars;

Flathead National Forest, Montana, twenty-seven thousand one hundred and sixteen dollars;

Florida National Forest, Florida, nine thousand nine hundred and fourteen dollars;

Fremont National Forest, Oregon, ten thousand eight hundred and seven dollars;

Gallatin National Forest, Montana, six thousand eight hundred and seventy-three dollars;

Gila National Forest, New Mexico, twenty-four thousand one hundred and sixty-five dollars;

Gunnison National Forest, Colorado, ten thousand nine hundred and fifty-two dollars;

Harney National Forest, South Dakota, seven thousand five hundred and twenty-five dollars;

Hayden National Forest, Wyoming and Colorado, six thousand five hundred and forty-two dollars;

Helena National Forest, Montana, seven thousand four hundred and sixty-seven dollars;

Holy Cross National Forest, Colorado, seven thousand and seventeen dollars;

Humboldt National Forest, Nevada, five thousand eight hundred and forty dollars;

Idaho National Forest, Idaho, eleven thousand nine hundred and eighty-three dollars;

Inyo National Forest, California and Nevada, eight thousand eight hundred and thirty-nine dollars;

Jefferson National Forest, Montana, eleven thousand three hundred and ninety-four dollars;

Jemez National Forest, New Mexico, seventeen thousand one hundred and thirty-nine dollars;

Kaibab National Forest, Arizona, six thousand six hundred and fifty-two dollars;

Kaniksu National Forest, Idaho and Washington, twenty-five thousand and twenty-seven dollars;

Kansas National Forest, Kansas, three thousand one hundred and seventeen dollars;

Kern National Forest, California, thirteen thousand one hundred and seventy-nine dollars;



Klamath National Forest, California, twenty-seven thousand eight hundred and fifty-seven dollars;

Kootenai National Forest, Montana, thirty thousand eight hundred and forty-six dollars;

La Sal National Forest, Utah and Colorado, six thousand five hundred and sixty-nine dollars;

Lassen National Forest, California, eighteen thousand six hundred and fifty-nine dollars;

Leadville National Forest, Colorado, nine thousand and thirty-seven dollars;

Lenhi National Forest, Idaho, seven thousand two hundred and eighteen dollars;

Lewis and Clark National Forest, Montana, twelve thousand two hundred and eighty-six dollars;

Lincoln National Forest, New Mexico, five thousand six hundred and seventeen dollars;

Lolo National Forest, Montana, twenty thousand one hundred and four dollars;

Luquillo National Forest, Porto Rico, three thousand nine hundred and sixty-one dollars;

Madison National Forest, Montana, ten thousand two hundred and ninety-nine dollars;

Malheur National Forest, Oregon, ten thousand three hundred and ninety-eight dollars;

Manti National Forest, Utah, seven thousand eight hundred and eight dollars;

Manzano National Forest, New Mexico, four thousand six hundred and fifty-three dollars;

Marquette National Forest, Michigan, two thousand eight hundred and sixty-three dollars;

Medicine Bow National Forest, Wyoming, seventeen thousand four hundred and twenty-nine dollars;

Michigan National Forest, Michigan, two thousand four hundred and seventeen dollars;

Minam National Forest, Oregon, four thousand one hundred and ninety-four dollars;

Minnesota National Forest, Minnesota, nine thousand seven hundred and ninety-seven dollars;

Minidoka National Forest, Idaho and Utah, five thousand two hundred and fifty-nine dollars;

Missoula National Forest, Montana, fifteen thousand seven hundred and seventy-six dollars;

Moapa National Forest, Nevada, one thousand seven hundred and ninety-four dollars;

Modoc National Forest, California, ten thousand nine hundred and fifty dollars;

Mono National Forest, Nevada and California, five thousand eight hundred and three dollars.

Monterey National Forest, California, four thousand four hundred and sixty-four dollars;

Montezuma National Forest, Colorado, ten thousand two hundred and fifty-five dollars.

Nebo National Forest, Utah, one thousand six hundred and fifty-four dollars;

Nebraska National Forest, Nebraska, four thousand two hundred and thirty-one dollars: *Provided*, That from the nurseries on said forest the Secretary of Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An Act increasing the area of homesteads in a portion of Nebraska," approved April twenty-eighth, nineteen hundred and four;

Nevada National Forest, Nevada, eight thousand nine hundred and fifty dollars;

Nez Perce National Forest, Idaho, twenty thousand three hundred and sixty dollars;

Ochoco National Forest, Oregon, nine thousand three hundred and fifty-two dollars;

Okanogan National Forest, Washington, sixteen thousand eight hundred and eighty-four dollars;

Olympic National Forest, Washington, sixteen thousand eight hundred and fifty dollars;

Oregon National Forest, Oregon, nineteen thousand and seventy-seven dollars;

Ozark National Forest, Arkansas, fifteen thousand eight hundred and ninety-three dollars;

Palisade National Forest, Idaho and Wyoming, eight thousand seven hundred and twenty-one dollars;

Paulina National Forest, Oregon, thirteen thousand six hundred and seventy dollars;

Payette National Forest, Idaho, twelve thousand four hundred and fifty-four dollars;

Pecos National Forest, New Mexico, thirteen thousand and ninety-three dollars;

Pend Oreille National Forest, Idaho, fourteen thousand three hundred and three dollars;

Pike National Forest, Colorado, seventeen thousand nine hundred and seventy-three dollars;

Plumas National Forest, California, twenty-three thousand six hundred and eight dollars;

Pocatello National Forest, Idaho and Utah, one thousand four hundred and eighty-three dollars;

Powell National Forest, Utah, two thousand five hundred and eighty-six dollars;

Prescott National Forest, Arizona, six thousand three hundred and seventy-six dollars;

Rainier National Forest, Washington, thirteen thousand five hundred and eighteen dollars;

Rio Grande National Forest, Colorado, ten thousand nine hundred and seventy-six dollars;

Routt National Forest, Colorado, eleven thousand six hundred and seventy-five dollars;

Ruby National Forest, Nevada, three thousand five hundred and eighty-three dollars;

Saint Joe National Forest, Idaho, twenty-seven thousand six hundred and twenty-four dollars;

Salmon National Forest, Idaho, twelve thousand one hundred and sixty-nine dollars;

San Isabel National Forest, Colorado, seven thousand three hundred and ninety-nine dollars;

San Juan National Forest, Colorado, nine thousand nine hundred and one dollars;

Santa Barbara National Forest, California, twelve thousand two hundred and seventy dollars;

Santa Rosa National Forest, Nevada, eight thousand four hundred dollars;

Santiam National Forest, Oregon, twelve thousand six hundred and twenty-seven dollars;

Sawtooth National Forest, Idaho, seven thousand two hundred and seventy-eight dollars;

Selway National Forest, Idaho, twenty thousand two hundred and sixty-five dollars;

Sequoia National Forest, California, fifteen thousand eight hundred and twenty-one dollars;

Sevier National Forest, Utah, four thousand three hundred and sixty-two dollars;

Shasta National Forest, California, twenty-four thousand five hundred and thirty-three dollars;

Shoshone National Forest, Wyoming, six thousand nine hundred and sixty-three dollars;

Sierra National Forest, California, thirteen thousand and forty-nine dollars;

Sioux National Forest, South Dakota and Montana, six thousand one hundred and eighteen dollars;

Siskiyou National Forest, Oregon and California, thirteen thousand two hundred and thirty-four dollars;

Sitgreaves National Forest, Arizona, fifteen thousand three hundred and ten dollars;

Siuslaw National Forest, Oregon, seven thousand nine hundred and eighty-nine dollars;

Snoqualmie National Forest, Washington, twenty-five thousand six hundred and five dollars;

Sopris National Forest, Colorado, nine thousand and forty-seven dollars;

Stanislaus National Forest, California, eighteen thousand five hundred and ninety-three dollars;

Sundance National Forest, Wyoming, three thousand seven hundred and eleven dollars;

Superior National Forest, Minnesota, thirteen thousand and ninety-nine dollars;

Tahoe National Forest, California and Nevada, twenty thousand one hundred and seventy-seven dollars;

Targhee National Forest, Idaho and Wyoming, twelve thousand three hundred and thirty-two dollars;

Teton National Forest, Wyoming, eight thousand eight hundred and twenty-five dollars;

Toiyabe National Forest, Nevada, eight thousand nine hundred and twenty-two dollars;

Tongass National Forest, Alaska, twenty-one thousand one hundred and sixty dollars;

Tonto National Forest, Arizona, ten thousand four hundred and twenty-nine dollars;



Trinity National Forest, California, twenty-nine thousand four hundred and eighty-three dollars;

Tusayan National Forest, Arizona, eleven thousand seven hundred and fifty-one dollars;

Uinta National Forest, Utah, six thousand seven hundred and forty-four dollars;

Umatilla National Forest, Oregon, eight thousand two hundred and seventeen dollars;

Umpqua National Forest, Oregon, thirteen thousand and seventy-six dollars;

Uncompahgre National Forest, Colorado, ten thousand and ninety-nine dollars;

Wallowa National Forest, Oregon, eleven thousand four hundred and seven dollars;

Wasatch National Forest, Utah, two thousand one hundred and eighty-three dollars;

Washakie National Forest, Wyoming, five thousand and fifty-seven dollars;

Washington National Forest, Washington, twelve thousand two hundred and ninety-eight dollars;

Weiser National Forest, Idaho, nine thousand one hundred and eighty-six dollars;

Wenaha National Forest, Washington and Oregon, seven thousand four hundred and forty-one dollars;

Wenatchee National Forest, Washington, eight thousand one hundred and eighty-eight dollars;

White River National Forest, Colorado, twelve thousand one hundred and twelve dollars;

Whitman National Forest, Oregon, sixteen thousand four hundred and eighty-nine dollars;

Wichita National Forest, Oklahoma, six thousand four hundred and thirty-six dollars;

Wyoming National Forest, Wyoming, nine thousand nine hundred and ninety-five dollars;

Zuni National Forest, New Mexico and Arizona, three thousand seven hundred and thirty-four dollars: *Provided*, That all of the military reservation of Fort Wingate, New Mexico, as described in Executive order of May thirty-first, nineteen hundred and eleven (Number thirteen hundred and sixty-seven), shall become a part of the Zuni National Forest and shall so remain until said order shall be revoked, modified, or suspended by the President, but that the said lands shall remain subject to the unhampered use of the War Department for military purposes, and to insure such use the land shall not be subject to any form of appropriation or disposal under the land laws of the United States;

Additional national forests to be created under section eleven of the Act of March first, nineteen hundred and eleven (Thirty-sixth Statutes, page nine hundred and sixty-three), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said Act, thirty-two thousand five hundred and ninety dollars;

That the Secretary of Agriculture is hereby directed and required to select, classify, and segregate, as soon as practicable, all lands within the boundaries of national forests that may be opened to settlement

and entry under the homestead laws applicable to the national forests, and the sum of twenty-five thousand dollars is hereby appropriated for the purposes aforesaid.

For the expenditure under the direction of the Secretary of Agriculture for survey and listing of lands within forest reserves chiefly valuable for agriculture and describing the same by metes and bounds, or otherwise, as required by the Act of June eleventh, nineteen hundred and six, and the Act of March third, eighteen hundred and ninety-nine, thirty-five thousand dollars: *Provided, however,* That any such survey and the plat and field notes thereof paid for out of this appropriation shall be made by an employee of the Forest Service under the direction of the United States surveyor general, but no land listed under the Act of June eleventh, nineteen hundred and six, shall pass from the forest until patent issues; That the Secretary of Agriculture, under such rules and regulations as he shall establish, is hereby authorized and directed to sell at actual cost, to homestead settlers and farmers, for their domestic use, the mature, dead, and down timber in national forests, but it is not the intent of this provision to restrict the authority of the Secretary of Agriculture to permit the free use of timber as provided in the Act of June fourth, eighteen hundred and ninety-seven.

For fighting forest fires and for other unforeseen emergencies, one hundred and fifty thousand dollars;

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments and equipment, one hundred and fifty-five thousand dollars;

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing and the testing of such woods as may require test to ascertain if they be suitable for making paper, and for other investigations and experiments to promote economy in the use of forest products, one hundred and seventy thousand dollars, and the Secretary of Agriculture shall investigate the best methods of distillation of Douglas fir and other northwestern species of fir and timber, and ascertain the yields of distillates of various species, and the refining and commercial use of the distillates;

For experiments and investigations of range conditions within national forests, and of methods for improving the range by reseeding, regulation of grazing, and other means, twenty thousand one hundred and eighty dollars;

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, one hundred and sixty-five thousand six hundred and forty dollars: *Provided,* That the Secretary of Agriculture may procure such seed, cones, and nursery stock by open purchase without advertisements for proposals, whenever in his discretion such method is most economical and in the public interest, and when the cost thereof will not exceed five hundred dollars;

For silvicultural, dendrological, and other experiments and investigations independently or in cooperation with other branches of the Federal Government, with States and with individuals, to determine the best methods for the conservative management of forests and forest lands, eighty-three thousand seven hundred and twenty-eight dollars;

For market and other miscellaneous forest investigations, and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, thirty-one thousand three hundred and sixty dollars;

For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, four hundred thousand dollars;

*Provided*, That no part of the money herein appropriated shall be used to pay the transportation or traveling expenses of any forest officer or agent except he be traveling on business directly connected with the Forest Service and in furtherance of the works, aims, and objects specified and authorized in and by this appropriation: *Provided further*, That no part of this appropriation shall be paid or used for the purpose of paying for, in whole or in part, the preparation or publication of any newspaper or magazine article, but this shall not prevent the giving out to all persons without discrimination, including newspaper and magazine writers and publishers, of any facts or official information of value to the public.

That an additional ten per centum of all moneys received from the national forests during the fiscal year ending June thirtieth, nineteen hundred and twelve, shall be available at the end thereof, to be expended by the Secretary of Agriculture for the construction and maintenance of roads and trails within the national forests in the States from which such proceeds are derived; but the Secretary of Agriculture may, whenever practicable, in the construction and maintenance of such roads, secure the cooperation or aid of the proper State or Territorial authorities in the furtherance of any system of highways of which such roads may be made a part.

In all, for general expenses, three million one hundred and seven thousand two hundred and eighty-five dollars.

Not to exceed fifteen per centum of the total of all sums appropriated under "General expenses, Forest Service," may be used in the discretion of the Secretary of Agriculture as provided above under general expenses for Forest Service for all expenses necessary for the general administration of the Forest Service.

Total for Forest Service, five million three hundred and forty-three thousand and forty-five dollars.

## BUREAU OF CHEMISTRY.

**SALARIES, BUREAU OF CHEMISTRY:** One chemist, who shall be chief of bureau, five thousand dollars; one chief clerk, two thousand dollars; one executive clerk, two thousand dollars; five clerks, class four; seven clerks, class three; one clerk, one thousand four hundred and forty dollars; twelve clerks, class two; one clerk, one thousand three hundred dollars; eighteen clerks, class one; thirteen clerks, at one thousand and twenty dollars each; eleven clerks, at one thousand dollars each; eighteen clerks, at nine hundred dollars each; one clerk, eight hundred and forty dollars; one assistant property custodian, nine hundred dollars; one chief food and drug inspector, three thousand dollars; one food and drug inspector, two thousand



two hundred and fifty dollars; nine food and drug inspectors, at two thousand dollars each; thirteen food and drug inspectors, at one thousand eight hundred dollars each; one food and drug inspector, one thousand six hundred and twenty dollars; eleven food and drug inspectors, at one thousand six hundred dollars each; eight food and drug inspectors, at one thousand four hundred dollars each; two laboratory helpers, at one thousand two hundred dollars each; one laboratory helper, one thousand and twenty dollars; four laboratory helpers, at one thousand dollars each; four laboratory helpers, at nine hundred and sixty dollars each; two laboratory helpers, at nine hundred dollars each; six laboratory helpers, at eight hundred and forty dollars each; two laboratory helpers, at seven hundred and eighty dollars each; twenty laboratory helpers, messengers, or laborers, at seven hundred and twenty dollars each; two laboratory helpers, messengers, or laborers, at six hundred and sixty dollars each; twenty-four laboratory helpers, messengers, or laborers, at six hundred dollars each; one laboratory assistant, one thousand two hundred dollars; one tool maker, one thousand two hundred dollars; one janitor, one thousand and twenty dollars; one student assistant, three hundred dollars; two messengers, at eight hundred and forty dollars each; one skilled laborer, one thousand and fifty dollars; one skilled laborer, eight hundred and forty dollars; two messenger boys or laborers, at five hundred and forty dollars each; eight messenger boys or laborers, at four hundred and eighty dollars each; three messenger boys or laborers, at four hundred and twenty dollars each; one messenger boy or laborer, three hundred and sixty dollars; six charwomen, at two hundred and forty dollars each; in all, two hundred and fifty-four thousand six hundred and sixty dollars.

**GENERAL EXPENSES, BUREAU OF CHEMISTRY:** For necessary expenses in conducting the investigations contemplated by the Act of May fifteenth, eighteen hundred and sixty-two, relating to the application of chemistry to agriculture, and to continue collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, as follows:

For chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, thirty thousand dollars;

For the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary for the purposes named, in the city of Washington and elsewhere, in conducting investigations, collating and reporting the results of such investigations, and for the rent of buildings outside of the District of Columbia, fifty-five thousand dollars;

For investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, and for all necessary expenses in connection with such inspection and studies of methods of analysis in foreign countries, four thousand two hundred and eighty dollars;

In all, for general expenses, eighty-nine thousand two hundred and eighty dollars.

**ENFORCEMENT OF THE FOOD AND DRUGS ACT:** For enabling the Secretary of Agriculture to carry into effect the provisions of the Act of June thirtieth, nineteen hundred and six, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, and rent outside of the District of Columbia, six hundred and twenty-five thousand dollars.

Total for Bureau of Chemistry, nine hundred and sixty-eight thousand nine hundred and forty dollars.

## BUREAU OF SOILS.

**SALARIES, BUREAU OF SOILS:** One soil physicist, who shall be chief of bureau, four thousand dollars; one chief clerk, two thousand dollars; one executive assistant, two thousand dollars; three clerks, class four; two clerks, class three; three clerks, class two; one clerk, one thousand two hundred and sixty dollars; eight clerks, class one; four clerks, at one thousand dollars each; three clerks, at nine hundred dollars each; one soil cartographer, one thousand eight hundred dollars; one soil bibliographer, one thousand four hundred dollars; one photographer, one thousand two hundred dollars; three draftsmen, at one thousand two hundred dollars each; one draftsman, one thousand dollars; one messenger, eight hundred and forty dollars; two messengers, messenger boys, or laborers, at four hundred and eighty dollars each; one laborer, six hundred dollars; one laborer, three hundred dollars; one charwoman or laborer, four hundred and eighty dollars; in all, fifty thousand five hundred and forty dollars.

**GENERAL EXPENSES, BUREAU OF SOILS:** For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside of the District of Columbia, and for all other necessary supplies and expenses, as follows:

For chemical investigations of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture, and soil productivity, including all routine chemical work in connection with the soil survey, eighteen thousand one hundred and thirty-five dollars;

For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various

soil classes and soil types, eleven thousand two hundred and sixty-five dollars;

For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, twenty-two thousand two hundred dollars;

For exploration and investigation within the United States to determine a possible source of supply of potash, nitrates, and other natural fertilizers, twenty-five thousand dollars;

For the investigation of the relation of soils to drainage and seepage waters, five thousand dollars;

For the investigation of soils and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, one hundred and sixty-five thousand dollars;

For general administrative expenses connected with the above-mentioned lines of investigation, four thousand two hundred and eighty dollars;

In all, for general expenses, two hundred and fifty thousand eight hundred and eighty dollars.

Total for Bureau of Soils, three hundred and one thousand four hundred and twenty dollars.

## BUREAU OF ENTOMOLOGY.

**SALARIES, BUREAU OF ENTOMOLOGY:** One entomologist, who shall be chief of bureau, four thousand five hundred dollars; one executive assistant, two thousand two hundred and fifty dollars; one chief clerk, one thousand eight hundred dollars; one clerk, class four; two clerks, class three; six clerks, class two; four clerks, class one; five clerks, at one thousand dollars each; two clerks, at nine hundred dollars each; one clerk, eight hundred and forty dollars; one superintendent of moth work, two thousand seven hundred and fifty dollars; one assistant superintendent of moth work, one thousand and eighty dollars; one entomological assistant, one thousand eight hundred dollars; two entomological draftsmen, at one thousand four hundred dollars each; one entomological draftsman, one thousand and eighty dollars; three foremen, at one thousand and eighty dollars each; two entomological preparators, at eight hundred and forty dollars each; one entomological preparator, seven hundred and twenty dollars; six entomological preparators, at six hundred dollars each; one messenger, eight hundred and forty dollars; two messengers or laborers, at seven hundred and twenty dollars each; one mechanic, eight hundred and forty dollars; one mechanic, seven hundred and fifty dollars; one laborer, five hundred and forty dollars; two charwomen, at four hundred and eighty dollars each; one charwoman, two hundred and forty dollars; in all, fifty-eight thousand seven hundred and fifty dollars.

**GENERAL EXPENSES, BUREAU OF ENTOMOLOGY:** For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, and arboriculture, and ascertaining the best means of destroying those found to be injurious; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses,



office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects affecting deciduous fruits, orchards, vineyards, nuts, and so forth, including investigations of the pear thrips, cranberry insects, and apple maggots, forty thousand six hundred dollars;

For investigations of insects affecting cereal and forage plants, including the alfalfa weevil, seventy-five thousand dollars, of which sum fifteen thousand dollars shall be immediately available;

For investigations of insects affecting southern field crops, including the cotton-boll weevil and other insects injurious to cotton, insects affecting tobacco, rice, and sugar cane, the Argentine ant, and life history studies of ticks, forty-seven thousand one hundred and sixty dollars;

For investigations of insects affecting forests, forty-four thousand seven hundred and fifty dollars;

For investigations of insects affecting truck crops, sugar beet, stored grains, and other stored products, thirty thousand dollars;

For investigations in bee culture, fifteen thousand dollars;

For investigations of insects affecting citrus fruits, including the white fly, orange thrips, and scale insects, twenty-one thousand five hundred dollars;

For investigations of the Mediterranean fly in the United States, its territories and possessions, thirty-five thousand dollars, which sum shall be immediately available;

For investigations of miscellaneous insects, inspection work, study of insects affecting the health of man and animals, insecticides, and the importation and exchange of useful insects, nineteen thousand seven hundred and forty dollars;

In all, for general expenses, three hundred and twenty-eight thousand seven hundred and fifty dollars.

**PREVENTING SPREAD OF MOTHS:** To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by establishing and maintaining a quarantine against further spread in such manner as he shall deem best, in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, two hundred and eighty-four thousand eight hundred and forty dollars.

Total for Bureau of Entomology, six hundred and seventy-two thousand three hundred and forty dollars.

## BUREAU OF BIOLOGICAL SURVEY.

**SALARIES, BUREAU OF BIOLOGICAL SURVEY:** One biologist, who shall be chief of bureau, three thousand five hundred dollars; one chief clerk, one thousand eight hundred dollars; one clerk, class four; one clerk, class three; two clerks, class two; three clerks, class one; three clerks, at one thousand dollars each; two clerks, at nine hundred dollars each; one messenger, seven hundred and twenty dollars; one photographer, one thousand three hundred dollars; one

game warden, one thousand two hundred dollars; one draftsman, nine hundred dollars; one messenger, messenger boy, or laborer, four hundred and eighty dollars; one laborer, six hundred dollars; in all, twenty-five thousand one hundred dollars.

GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY: For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:

For the enforcement of sections two hundred and forty-one, two hundred and forty-two, two hundred and forty-three, and two hundred and forty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section one of the Act approved May twenty-fifth, nineteen hundred, entitled "An Act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," twelve thousand dollars;

For the maintenance of the Montana National Bison Range and other reservations for mammals and birds, and for the enforcement of section eighty-four of the Act approved March fourth, nineteen hundred and nine, entitled "An Act to codify, revise, and amend the penal laws of the United States," seventeen thousand dollars, of which sum two thousand five hundred dollars shall be used for the purchase, capture, and transportation of game for national reservations;

For the establishment of a national game preserve, to be known as the Wind Cave National Game Preserve, upon the land embraced within the boundaries of the Wind Cave National Park, in the State of South Dakota, for a permanent national range for a herd of buffalo to be presented to the United States by the American Bison Society, and for such other native American game animals as may be placed therein. The Secretary of Agriculture is authorized to acquire by purchase or condemnation such adjacent lands as may be necessary for the purpose of assuring an adequate, permanent water supply, and to enclose the said game preserve with a good and substantial fence and to erect thereon all necessary sheds and buildings for the proper care and maintenance of the said animals, twenty-six thousand dollars, to be available until expended;

For investigating the food habits of North American birds and mammals in relation to agriculture, horticulture, and forestry, including experiments and demonstrations in destroying noxious animals, and for investigations and experiments in connection with rearing of fur-bearing animals, including mink and marten, forty-three thousand dollars, of which sum three thousand dollars shall be used for the destruction of ground squirrels on the national forests in California;

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants, and the preparation of maps of the life and crop zones, ten thousand dollars;

For the establishment of a winter game (elk) reserve in the State of Wyoming, which shall be located in that section of Wyoming

lying south of the Yellowstone Park, and shall include not less than two thousand acres in township forty-one north, ranges one hundred and fifteen and one hundred and sixteen west, forty-five thousand dollars, to be available until expended, and the Secretary of Agriculture is hereby authorized to purchase said lands with improvements, to erect necessary buildings and inclosures, and to incur other expenses necessary for the maintenance of the reserve;

For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, thirteen thousand three hundred dollars;

In all, for general expenses, one hundred and sixty-six thousand three hundred dollars.

Total for Bureau of Biological Survey, one hundred and ninety-one thousand four hundred dollars.

## DIVISION OF ACCOUNTS AND DISBURSEMENTS.

**SALARIES, DIVISION OF ACCOUNTS AND DISBURSEMENTS:** One chief of division and disbursing clerk, who shall be administrative officer of the fiscal affairs of the department, four thousand dollars; one assistant chief of division, two thousand seven hundred and fifty dollars; one chief of office of accounts and fiscal agent, two thousand five hundred dollars; seven district fiscal agents, at two thousand dollars each; one supervising auditor, two thousand two hundred and fifty dollars; one auditor, two thousand dollars; one cashier and chief clerk, two thousand dollars; one deputy disbursing clerk, two thousand dollars; one accountant and bookkeeper, two thousand dollars; three clerks, class four; eleven clerks, class three; eighteen clerks, class two; nine clerks, class one; four clerks, at one thousand dollars each; six clerks, at nine hundred dollars each; one custodian of records and files, one thousand four hundred dollars; one messenger, seven hundred and twenty dollars; one messenger or messenger boy, six hundred dollars; in all, one hundred and four thousand six hundred and twenty dollars.

*Provided,* That hereafter employees of the Division of Accounts and Disbursements may be detailed by the Secretary of Agriculture for accounting and disbursing work in any of the bureaus and offices of the department for duty in or out of the city of Washington, and employees of the bureaus and offices of the department may also be detailed to the Division of Accounts and Disbursements for duty in or out of the city of Washington, traveling expenses of employees so detailed to be paid from the appropriation of the bureau or office in connection with which such travel is performed.

Total for Division of Accounts and Disbursements, one hundred and four thousand six hundred and twenty dollars.

## DIVISION OF PUBLICATIONS.

**SALARIES, DIVISION OF PUBLICATIONS:** One editor, who shall be chief of division, three thousand two hundred and fifty dollars; one editor, who shall be assistant chief of division, two thousand two hundred and fifty dollars; one chief clerk, two thousand dollars; two assistant editors, at two thousand dollars each; one assistant editor, one thousand eight hundred dollars; four assistant editors at



one thousand six hundred dollars each; one assistant editor, one thousand four hundred dollars; one assistant editor in charge of indexing, two thousand dollars; one indexer, one thousand four hundred dollars; one assistant in charge of illustrations, two thousand dollars; one draftsman or photographer, one thousand five hundred dollars; two draftsmen or photographers, at one thousand four hundred dollars each; six draftsmen or photographers, at one thousand two hundred dollars each; one assistant photographer, nine hundred dollars; one assistant in charge of document section, two thousand dollars; one assistant in document section, one thousand eight hundred dollars; one foreman, miscellaneous distribution, one thousand five hundred dollars; one assistant foreman, miscellaneous distribution, one thousand one hundred dollars; one foreman, Farmers' Bulletin distribution, one thousand five hundred dollars; one forewoman, one thousand four hundred dollars; one forewoman, one thousand two hundred dollars; one clerk, class three; seven clerks, class one; thirteen clerks, at one thousand dollars each; forty-two clerks, at nine hundred dollars each; twenty-one clerks, at eight hundred and forty dollars each; twenty skilled laborers, at eight hundred and forty dollars each; thirteen skilled laborers, at seven hundred and eighty dollars each; twenty-six skilled laborers, at seven hundred and twenty dollars each; one chief folder, one thousand dollars; one assistant chief folder, nine hundred and sixty dollars; three folders, at nine hundred dollars each; one skilled laborer, one thousand one hundred dollars; two skilled laborers, at one thousand dollars each; two messengers, at eight hundred and forty dollars each; four messengers, at seven hundred and twenty dollars each; three messengers, at six hundred dollars each; two messengers or messenger boys, at four hundred and eighty dollars each; two messengers or messenger boys, at four hundred and twenty dollars each; two messenger or messenger boys, at three hundred and sixty dollars each; two laborers, at six hundred and sixty dollars each; one laborer, six hundred dollars; four charwomen, at four hundred and eighty dollars each; three charwomen, at two hundred and forty dollars each; in all, one hundred and ninety-four thousand seven hundred dollars.

GENERAL EXPENSES, DIVISION OF PUBLICATIONS: For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

For labor-saving machinery for addressing and mailing documents, including necessary supplies, three thousand dollars;

For envelopes, stationery, and materials used in the distribution of documents, eleven thousand five hundred dollars;

For office furniture and fixtures, one thousand dollars;

For photographic equipment and for photographic materials and artists' tools and supplies, five thousand dollars;

For telephone and telegraph service and freight and express charges, five hundred dollars;

For wagons, bicycles, horses, harness, and maintenance of the same, one thousand dollars;

For purchase of manuscripts, traveling expenses, electrotypes, illustrations, and other expenses not otherwise provided for, three thousand dollars;

In all, for general expenses, twenty-five thousand dollars.

Total for Division of Publications, two hundred and nineteen thousand seven hundred dollars.

## BUREAU OF STATISTICS.

**SALARIES, BUREAU OF STATISTICS:** One statistician, who shall be chief of bureau, four thousand dollars; one assistant statistician, who shall be assistant chief of bureau, two thousand five hundred dollars; one chief clerk, one thousand eight hundred dollars; six clerks, class four; nine clerks, class three; twelve clerks, class two; two clerks, at one thousand three hundred dollars each; seventeen clerks, class one; fourteen clerks, at one thousand dollars each; twenty-one clerks, at nine hundred dollars each; two messengers, at eight hundred and forty dollars each; two messengers or laborers, at seven hundred and twenty dollars each; two messengers or laborers, at six hundred and sixty dollars each; one messenger or messenger boy, four hundred and eighty dollars; one charwoman, five hundred and forty dollars; two charwomen, at three hundred and sixty dollars each; in all, one hundred and twelve thousand three hundred and eighty dollars.

**GENERAL EXPENSES, BUREAU OF STATISTICS:** For all necessary expenses for collecting domestic and foreign agricultural statistics, compiling, writing, and illustrating statistical matter for monthly, annual, and special reports, and for special investigations and compilations, as follows:

Salaries and employment of labor in the city of Washington and elsewhere, supplies, telegraph and telephone service, freight and express charges, and all other necessary miscellaneous administrative expenses, twenty-four thousand seven hundred dollars;

Salaries and traveling and other necessary expenses of special field agents, sixty-eight thousand nine hundred dollars;

Salaries and traveling and other necessary expenses of State statistical agents, thirty-two thousand two hundred dollars;

Traveling and other necessary expenses of official and special investigators, two thousand five hundred dollars;

In all, for general expenses, one hundred and twenty-eight thousand three hundred dollars.

And that the Secretary of Agriculture be and he is hereby directed to secure from the various branches of the department having authority to investigate such matters, reports relative to systems of marketing farm products, cooperative or otherwise, in practice in various sections of the United States and of the demand for such products in various trade centers, and shall make such recommendations to Congress relative to further investigations of these questions and the dissemination of such information, as he shall deem necessary.

Total for Bureau of Statistics, two hundred and forty thousand six hundred and eighty dollars.

## LIBRARY, DEPARTMENT OF AGRICULTURE.

**SALARIES, LIBRARY, DEPARTMENT OF AGRICULTURE:** One librarian, two thousand dollars; one clerk, class three; one clerk, class two; two clerks, class one, one of whom shall be a translator; five clerks, at

one thousand dollars each; five clerks, at nine hundred dollars each; one clerk, eight hundred and forty dollars; two cataloguers, at one thousand two hundred dollars each; three cataloguers, at one thousand dollars each; one messenger, seven hundred and twenty dollars; three messengers, messenger boys, or laborers, at four hundred and eighty dollars each; one charwoman, four hundred and eighty dollars; in all, twenty-five thousand seven hundred and eighty dollars.

**GENERAL EXPENSES, LIBRARY:** For books of reference, technical and scientific books, papers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and other material, fifteen thousand five hundred dollars.

Total for Library, forty-one thousand two hundred and eighty dollars.

### CONTINGENT EXPENSES.

**CONTINGENT EXPENSES, DEPARTMENT OF AGRICULTURE:** For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel, water and gas pipes, heating apparatus, furniture, carpets, and matting; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings, grounds, and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; for the payment of duties on imported articles, and the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for, and necessary for the practical and efficient work of the department, one hundred and six thousand and sixty-six dollars: *Provided*, That hereafter the Secretary of Agriculture may purchase stationery, supplies, furniture, and miscellaneous materials from this appropriation and transfer the same at actual cost to the various bureaus, divisions, and offices of the Department of Agriculture in the city of Washington, reimbursement therefor to be made to this appropriation by said bureaus, divisions, and offices from their lump-fund appropriations by transfer settlements through the Treasury Department: *Provided further*, That the Secretary of Agriculture may hereafter exchange typewriters and computing, addressing, and duplicating machines purchased from any lump-fund appropriation of the Department of Agriculture.

### RENT IN THE DISTRICT OF COLUMBIA.

**RENT OF BUILDINGS, DEPARTMENT OF AGRICULTURE:** For rent of buildings and parts of buildings in the District of Columbia for use of the various bureaus, divisions, and offices of the Department of Agriculture, namely:

For Bureau of Animal Industry, three thousand and eighty-four dollars;

For Bureau of Plant Industry, twenty-three thousand eight hundred and thirty dollars;

For Forest Service, twenty-five thousand and seventy-five dollars;



For Bureau of Chemistry, seventeen thousand three hundred and twenty dollars;

For Bureau of Soils, three hundred and sixty dollars;

For Division of Publications, five thousand dollars;

For Office of Solicitor, two thousand one hundred and sixty dollars;

For Office Experiment Stations, five thousand dollars;

For Office of Public Roads, three thousand five hundred dollars;

For additional rent in cases of emergency for any bureau, division, or office of the department, ten thousand dollars;

In all, ninety-five thousand three hundred and twenty-nine dollars.

## OFFICE OF EXPERIMENT STATIONS.

**SALARIES, OFFICE OF EXPERIMENT STATIONS:** One director, four thousand five hundred dollars; one chief clerk, two thousand dollars; one computer, two thousand dollars; one draftsman, one thousand eight hundred dollars; one clerk and proof reader, one thousand eight hundred dollars; one editorial clerk one thousand four hundred dollars; one editorial clerk, one thousand two hundred dollars; one draftsman, one thousand two hundred dollars; two clerks, class three; four clerks, class two; seven clerks, class one; six clerks, at one thousand dollars each; twelve clerks, at nine hundred dollars each; one messenger, eight hundred and forty dollars; three messengers, messenger boys, or laborers, at six hundred dollars each; four messengers, messenger boys, or laborers, at four hundred and eighty dollars each; one skilled laborer, nine hundred dollars; five laborers or charwomen, at four hundred and eighty dollars each; two laborers or charwomen, at two hundred and forty dollars each; in all, fifty-eight thousand two hundred and forty dollars.

**GENERAL EXPENSES, OFFICE OF EXPERIMENT STATIONS:** To carry into effect the provisions of an Act approved March second, eighteen hundred and eighty-seven, entitled "An Act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an Act approved July second, eighteen hundred and sixty-two, and of the Acts supplementary thereto," the sums apportioned to the several States and Territories to be paid quarterly in advance, seven hundred and twenty thousand dollars;

To carry into effect the provisions of an Act approved March sixteenth, nineteen hundred and six, entitled "An Act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States and Territories to be paid quarterly in advance, seven hundred and twenty thousand dollars: *Provided*, That not to exceed fifteen thousand dollars shall be paid to each State and Territory under this Act;

To enable the Secretary of Agriculture to enforce the provisions of the above Acts, relative to their administration, including the employment of clerks assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures supplies, apparatus, telegraph and telephone service, gas electric current, and rent outside of the District of Columbia thirty-eight thousand four hundred dollars; and the Secretary of Agriculture shall prescribe the form of the annual

financial statement required under the above Acts, ascertain whether the expenditures are in accordance with their provisions, and make report thereon to Congress;

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, and the island of Guam including the erection of buildings, the preparation illustration, and distribution of reports and bulletins and all other necessary expenses one hundred and five thousand dollars, as follows: Alaska thirty thousand dollars; Hawaii thirty thousand dollars; Porto Rico thirty thousand dollars; and Guam fifteen thousand dollars; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico and the island of Guam, and to apply the money received from the sale of such products to the maintenance of said stations, and this fund shall be available until used;

To enable the Secretary of Agriculture to investigate and report upon the organization and progress of farmers' institutes and agricultural schools in the several States and Territories, and upon similar organizations in foreign countries, with special suggestions of plans and methods for making such organizations more effective for the dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations, and of improved methods of agricultural practice, including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses fifteen thousand seven hundred and sixty dollars;

In all, for general expenses, one million five hundred and ninety-nine thousand one hundred and sixty dollars.

**NUTRITION INVESTIGATIONS:** To enable the Secretary of Agriculture to investigate the nutritive value of agricultural products used for human food with special suggestions of plans and methods for the more effective utilization of such products for this purpose, with the cooperation of other bureaus of the department, and to disseminate useful information on this subject including the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, sixteen thousand dollars.

**IRRIGATION INVESTIGATIONS:** To enable the Secretary of Agriculture to investigate and report upon the laws of the States and Territories as affecting irrigation and the rights of appropriators, and of riparian proprietors and institutions relating to irrigation, and upon the use of irrigation water at home and abroad with especial suggestions of the best methods for the utilization of irrigation waters in agriculture, and upon the use of different kinds of power and appliances for irrigation, and for the preparation and illustration of reports and bulletins on irrigation, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all necessary expenses, ninety-eight thousand three hundred dollars: *Provided* That the Secretary of Agriculture be, and he is hereby, authorized and directed to cause a thorough investigation to be made and report to Congress at the opening of the next session upon the feasibility and the economy of irrigation by the reservoir system or plan in western Kansas and western Oklahoma.

**DRAINAGE INVESTIGATIONS:** To enable the Secretary of Agriculture to investigate and report upon the drainage of swamp and other wet lands which may be made available for agricultural purposes, and to prepare plans for the removal of surplus waters by drainage from such lands, and for the preparation and illustration of reports and bulletins on drainage, including the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, and all necessary expenses, one hundred thousand dollars.

Total for Office of Experiment Stations, one million eight hundred and seventy-one thousand and seven hundred dollars.

## OFFICE OF PUBLIC ROADS.

**SALARIES. OFFICE OF PUBLIC ROADS:** One director, who shall be a scientist and have charge of all scientific and technical work, four thousand dollars; one chief clerk, one thousand nine hundred dollars; two clerks, class three; one clerk or instrument maker, one thousand four hundred and forty dollars; one clerk, one thousand three hundred and twenty dollars; three clerks at one thousand two hundred and sixty dollars each; three clerks, class one; one clerk or photographer, one thousand two hundred dollars; one clerk or photographer, one thousand dollars; two clerks, at one thousand one hundred and forty dollars each; one clerk, one thousand and eighty dollars; one clerk, one thousand and twenty dollars; four clerks at one thousand dollars each; one clerk, nine hundred dollars; one clerk or instrument maker, one thousand two hundred dollars; one messenger or laborer, seven hundred and twenty dollars; one messenger or laborer, six hundred and sixty dollars; four messengers or laborers at six hundred dollars each; one messenger boy, four hundred and eighty dollars; one messenger boy, three hundred and sixty dollars; two charwomen, at two hundred and forty dollars each; in all, thirty-seven thousand and twenty dollars.

**GENERAL EXPENSES, OFFICE OF PUBLIC ROADS:** For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same and for preparing, publishing, and distributing bulletins and reports as follows: *Provided*, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery except such as may be necessary for field experimental work as hereinafter provided for:

For inquiries in regard to systems of road management throughout the United States and for giving expert advice on this subject, twenty-five thousand dollars;

For investigations of the best methods of road making and the best kinds of road-making materials, and for furnishing expert advice on road building and maintenance, seventy-five thousand dollars;

For investigations of the chemical and physical character of road materials, twenty-five thousand dollars;

For conducting field experiments and various methods of road construction and maintenance, and investigations concerning various road materials and preparations; for investigating and developing equipment intended for the preparation and application of bituminous



and other binders; for the purchase of materials and equipment; for the employment of assistants and labor; for the erection of buildings; such experimental work to be confined as nearly as possible to one point during the fiscal year, thirty thousand dollars;

For general administrative expenses connected with the above-mentioned lines of investigations and experiments, ten thousand one hundred dollars;

In all, for general expenses, one hundred and sixty-five thousand one hundred dollars.

Total for Office of Public Roads, two hundred and two thousand one hundred and twenty dollars.

And not to exceed ten per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than ten per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.

Total, Department of Agriculture, for routine and ordinary work, sixteen million two hundred and sixty-four thousand four hundred and ninety-six dollars.

### MISCELLANEOUS.

And the Secretary of Agriculture is hereby authorized to continue investigations on the cost of food supplies at the farm and to the consumer, and to disseminate the results of such investigations in whatever manner he may deem best.

**ENFORCEMENT OF THE INSECTICIDE ACT:** To enable the Secretary of Agriculture to carry into effect the provisions of the Act of April twenty-sixth, nineteen hundred and ten, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, and other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," in the city of Washington and elsewhere, including chemical apparatus, chemicals, and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, and all other expenses, employing such assistants, clerks, and other persons as may be considered necessary for the purposes named, eighty-seven thousand dollars.

**FIGHTING AND PREVENTING FOREST FIRES IN EMERGENCY:** For fighting and preventing forest fires in cases of extraordinary emergency, two hundred thousand dollars, or so much thereof as may be necessary.

That hereafter, when officials and employees of the Department of Agriculture are traveling on official business in the United States, they may be allowed necessary railroad and steamboat fares, sleeping berth, and stateroom on steamboats, livery hire and stage fare, and other means of conveyance between points not accessible by railroad, but in lieu of subsistence and all other traveling expenses they may receive a per diem allowance, to be fixed by the Secretary in each case, in addition to their regular salaries, subject to such rules and regulations as the Secretary of Agriculture may prescribe.

That hereafter officials and employees of the Department of Agriculture may, when authorized by the Secretary of Agriculture, receive reimbursement for moneys expended for street-car fares at their official headquarters when expended in the transaction of official business.

And in order to carry out the purposes mentioned in section three of the Act of March first, nineteen hundred and eleven, entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," there is hereby appropriated and made available until expended so much of the maximum sums mentioned in said section for the fiscal years nineteen hundred and twelve to nineteen hundred and fifteen, inclusive, as shall remain unexpended at the close of each of said fiscal years.

To enable the Secretary of Agriculture to make an exhibit at the next annual meeting of the International Dry Land Congress, to be held at Lethbridge, Alberta, Canada, in October, nineteen hundred and twelve, illustrative of the investigations, products, and processes relating to farming in the subhumid region of the United States, ten thousand dollars, to be immediately available.

That the Secretary of Agriculture be, and he hereby is, empowered to prepare from the several divisions of the Department of Agriculture an exhibit to be displayed at the Fifth National Corn Exposition, to be held in Columbia, South Carolina, from January twenty-seventh to February ninth, nineteen hundred and thirteen.

That the said exhibit shall be of such nature as the Secretary of Agriculture deems appropriate: *Provided*, That the Secretary of Agriculture shall make such arrangements with the proper officers of the said exposition that the Department of Agriculture shall be at no expense for transportation of said exhibit to and from the exposition: *Provided further*, That the Secretary of Agriculture shall also make such arrangements with the proper authorities of said exposition that there shall be no expense to the department for any breakage or damage that may occur to the exhibit, nor for the living expenses of such appointees as he may see fit to send to said exposition to demonstrate the exhibit sent.

To enable the Secretary of Agriculture to meet the emergency caused by the continuous spread of the chestnut-bark disease by continuing the study of the nature and habits of the parasitic fungus causing the disease, for the purpose of discovering new methods of control, and by putting into application methods of control already discovered, eighty thousand dollars, of which sum thirty thousand dollars shall be immediately available, and the Secretary of Agriculture is hereby authorized to expend said appropriation in such manner as he shall deem best, in cooperation with the authorities of the States concerned or with individuals, and to pay all necessary expenses for the employment of investigators, local and special agents, experts, assistants, and all labor and other necessary expenses, including rent, in the District of Columbia and elsewhere, as may be required: *Provided*, That of this sum not exceeding ten thousand dollars shall be used in the study of the relation of insects to the chestnut-bark disease.

To enable the Secretary of Agriculture to investigate the cultivation, acclimating, and development of the most nutritious and productive types of potatoes, and for the purpose of experimentation and development of American sugar-beet seed adapted to the irrigated lands of the arid West, ten thousand dollars.

Hereafter so much of the Act of May twenty-sixth, nineteen hundred and ten (Thirty-sixth Statutes, page four hundred and sixteen), as requires the Secretary of Agriculture to transmit annually to the Secretary of the Treasury, for submission to Congress, detailed estimates for executive officers, clerks, and other employees in the various bureaus, offices, and divisions of the Department of Agriculture shall not apply to such employees in the meat-inspection service or employees engaged in the enforcement of the insecticide Act of nineteen hundred and ten.

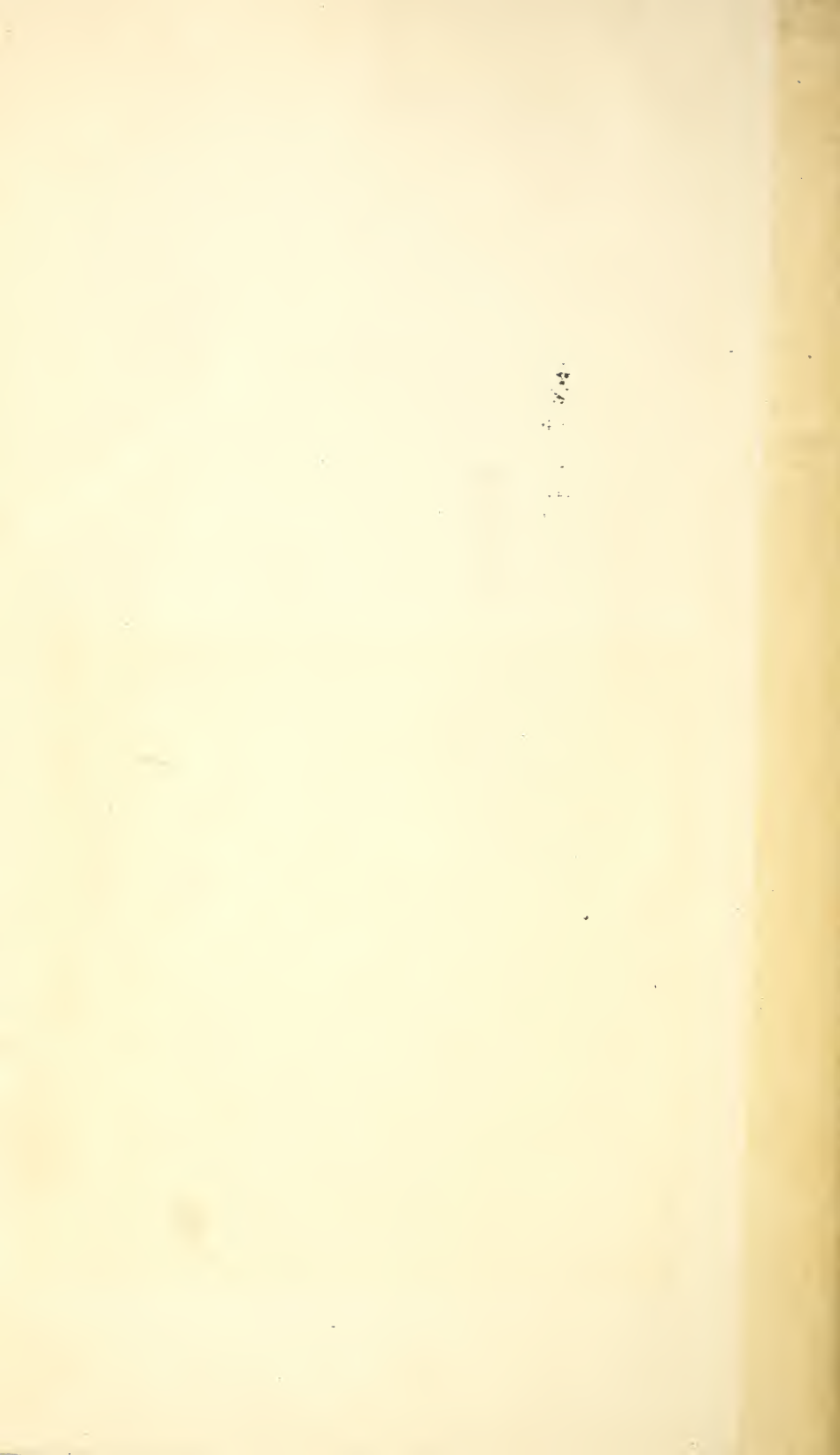
Total carried by this Act for the Department of Agriculture, sixteen million six hundred and fifty-one thousand four hundred and ninety-six dollars.

Approved, August 10, 1912.











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